

## UDOT Minimum Sampling and Testing Requirements

*Revised January '07*

### *Specification - Material: 02332 Embankment for Bridge*

*02332 Embankment for Bridge*

**Quality Assurance:** Soil Classification

**Reference:** AASHTO M 145

**Lot Size:** Source / soil type or each 20,000 cubic yards or 30,000 tons thereafter.

**Frequency per Lot:** One test

**Point of Acceptance:** Sampled from the grade after processing prior to compaction

**Sampling Reference:** AASHTO T 2

**Report/Form:** Weekly Form 348

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**Quality Assurance:** Laboratory Maximum Dry Density and Optimum Moisture for density standard

**Reference:** AASHTO T 99 Method D or AASHTO T 180 Method D for A-1 soils.

**Lot Size:** Source/ soil type and each 20,000 cubic yards 30,000 tons thereafter

**Frequency per Lot:** One 20,000 cubic yards 30,000 tons for each layer

**Point of Acceptance:** Grade after processing, prior to compaction

**Sampling Reference:** AASHTO T 2

**Report/Form:** Weekly Form 348

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**Quality Assurance:** In-place density of embankment for bridge

**Reference:** AASHTO T 310

**Lot Size:** One foot lift

**Frequency per Lot:** Six randomly located determinations per one foot lift. Two of the six determinations must be within two feet of the outside perimeter.

**Point of Acceptance:** Grade after Compaction

**Sampling Reference:** MOI 8-981

**Report/Form:** Weekly Form 348

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***Specification - Material: 02332 Embankment for Bridge***

**Quality Assurance:** Compaction - Materials that is too rocky to apply the correction for coarse particles: 30% cumulatively retained on the 3/4" sieve

**Reference:** AASHTO T 224

**Lot Size:**

**Frequency per Lot:** Compaction is visually inspected. Document method and equipment used for placement, appearance of gradation, uniformity, moisture content, compactive effort, and final appearance

**Point of Acceptance:**

**Sampling Reference:**

**Report/Form:** Weekly Form 348

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